

WHAT IS CLAIMED IS:

1. A method for processing a request received from a network browser, the method comprising:

5 receiving a request having a unique identifier value;
identifying an application status entry that includes a unique identifier value that matches the received unique identifier value;
using application status information included in the identified application status entry to set an internal state of an application; and
10 processing the received request only after the internal state of the application is set based on the application status information of the identified application status entry.

2. The method of claim 1 further comprising:

15 creating an application status entry that includes application status information for an internal state of the application after processing the received request;
associating a unique identifier value with the created application status entry; and
storing the created application status entry and the associated unique identifier value in persistent storage.

20 3. The method of claim 2 wherein storing the created application status entry comprises storing the application status entry in a stack.

4. The method of claim 2 wherein storing the created application status entry comprises storing the application status entry using a hash map.

25 5. The method of claim 2 wherein storing the created application status entry comprises storing the application status entry both in a stack and using a hash map.

6. The method of claim 1 wherein:

30 the request comprises a request for a web page,
the unique identifier value comprises a unique page identifier value, and

processing the received request comprises processing the received request by creating a requested web page only after the internal state of the application is set based on the application status information of the identified application status entry.

5 7. The method of claim 6 further comprising sending the unique page identifier value associated with the application status entry to the web browser.

8. The method of claim 7 wherein:

creating the requested web page comprises including the unique page identifier value
10 as a hidden field on a created web page, and
 sending the unique page identifier value comprises sending the created web page that includes the unique page identifier value as a hidden field.

9. The method of claim 1 wherein the application comprises a sales application.

15 10. A computer-readable medium or propagated signal having embodied thereon a computer program configured to process a request received from a network browser, the medium or signal comprising one or more code segments configured to:

 receive a request having a unique identifier value,
20 identify an application status entry that includes a unique identifier value that matches the received unique identifier value,
 use application status information included in the identified application status entry to set an internal state of an application, and
 process the received request only after the internal state of the application is set based
25 on the application status information of the identified application status entry.

11. The medium or signal of claim 10 wherein the one or more code segments are further configured to:

30 create an application status entry that includes application status information for an internal state of the application after processing the received request,
 associate a unique identifier value with the created application status entry, and
 store the created application status entry and the associated unique identifier value in persistent storage.

12. A system for processing a request received from a network browser, the system comprising a processor connected to a storage device and one or more input/output devices, wherein the processor is configured to:

5 receive a request having a unique identifier value,
identify an application status entry that includes a unique identifier value that matches the received unique identifier value,
use application status information included in the identified application status entry to set an internal state of an application, and
10 process the received request only after the internal state of the application is set based on the application status information of the identified application status entry.

13. The system of claim 12 wherein the processor is further configured to:
create an application status entry that includes application status information for an
15 internal state of the application after processing the received request,
associate a unique identifier value with the created application status entry, and
store the created application status entry and the associated unique identifier value in persistent storage.

20 14. A method used in retrieving a dynamically generated web page more than once, the method comprising:
receiving a request to provide a dynamically generated web page;
generating the requested web page using selected state information to change a present state to a different present state, the selected state information used in the generation
25 of the requested web page being determined by a computer program for generating the dynamically generated web page; and
storing the changed present state of the selected state information for use in subsequently generating the same dynamically generated web page at a later time, such that the presently and subsequently dynamically generated web pages are identical in information
30 content.

15. The method of claim 14 further comprising:

associating a unique page identifier with selected state information and a dynamically generated web page; and

using the unique page identifier to enable retrieval of a dynamically generated web page more than once.

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16. A computer-readable medium or propagated signal having embodied thereon a computer program configured to retrieve a dynamically generated web page more than once, the medium or signal comprising one or more code segments configured to:

receive a request to provide a dynamically generated web page;

10 generate the requested web page using selected state information to change a present state to a different present state, the selected state information used in the generation of the requested web page being determined by a computer program for generating the dynamically generated web page; and

15 store the changed present state of the selected state information for use in subsequently generating the same dynamically generated web page at a later time, such that the presently and subsequently dynamically generated web pages are identical in information content.

17. The medium or signal of claim 16 wherein the one or more code segments are 20 further configured to:

associate a unique page identifier with selected state information and a dynamically generated web page, and

use the unique page identifier to enable retrieval of a dynamically generated web page more than once.

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18. A system for retrieving a dynamically generated web page more than once, the system comprising a processor connected to a storage device and one or more input/output devices, wherein the processor is configured to:

receive a request to provide a dynamically generated web page;

30 generate the requested web page using selected state information to change a present state to a different present state, the selected state information used in the generation of the

requested web page being determined by a computer program for generating the dynamically generated web page; and

- store the changed present state of the selected state information for use in subsequently generating the same dynamically generated web page at a later time, such that
- 5 the presently and subsequently dynamically generated web pages are identical in information content.

19. The system of claim 18 wherein the processor is further configured to:

associate a unique page identifier with selected state information and a dynamically

- 10 generated web page, and

- use the unique page identifier to enable retrieval of a dynamically generated web page more than once.